

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Prospecting, Geochemistry

TOTAL COST: \$ 4,474.59

AUTHOR(S): Jacques Houle, P.Eng.

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5643028 / 2017/MAR/26

PROPERTY NAME: Tahsis

CLAIM NAME(S) (on which the work was done): 1043068

COMMODITIES SOUGHT: Dimension Stone Limestone/Marble

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: none

MINING DIVISION: Alberni

NTS/BCGS: 092L02, 092L007

LATITUDE: 50 ° 02 ' 03 " LONGITUDE: 126 ° 44 ' 44 " (at centre of work)

OWNER(S):

1) Callache Stone Quarries Inc.

2) _____

MAILING ADDRESS:

#2102 8 Smithe Mews

Vancouver, BC V6B 0A5

OPERATOR(S) [who paid for the work]:

1) Callache Stone Quarries Inc.

2) _____

MAILING ADDRESS:

#2102 8 Smithe Mews

Vancouver, BC V6B 0A5

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Limestone/marble, Quaternary, Eocene, Jurassic, Triassic, Mt Washington Plutonic Suite, Island Plutonic Suite, Vancouver Grp, Parson Bay Formation, Quatsino Formation, Karmutsen Formation, contact metamorphism, Fe/Cu skarn, Cu-Ag quartz vein, white marble, 150 m. by 50 m. area, 300/60 strike/dip

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 868, 12864, 18928, 24184

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:2,000 scale, 0.75 ha	1043086	0
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	2 rock samples	1043086	\$ 147.75
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:25,000 scale, 500 ha	1043086	\$1,748.88
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Preparation, Compilation and Reports		\$ 2,577.96
		TOTAL COST:	\$4,474.59

**2017 Assessment Report for
Prospecting and Geochemistry**

March 2017

On the

Zeballos Project

Alberni Mining Division

**BCGS 092L007
NTS 092L02**

UTM Zone 09N 5544850N 661450E

**For
Callache Stone Quarries Inc.**

**Report written by
Jacques Houle, P.Eng.**

April 20, 2017



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Introduction

Project location, access and physiography

The Zeballos Project is located in the Alberni Mining Division, 15 km, northeast of the Village of Zeballos, on the west coast of Vancouver Island, BC, Canada. The FYEO claim of the project is centred at UTM Zone 09N, 5544000N 661500E straddling BCGS map sheets 09LE007, and NTS map sheets 092L02. The FYEO claim of the Zeballos Project is held by Callache Stone Quarries Inc. (FMC 282439), and consists of 1 cell mineral claims covering approximately 540 hectares. A small portion of the FYEO cell claim is underlain by a pre-existing crown granted mineral claim held by others.

The all-weather Zeballos Road provides access year round to Zeballos, and a bridge across the Zeballos River connects to the Nomash River Main Road and active secondary logging roads which provide access to the project area. Zeballos has basic services, and is a 2.5 hour drive from Campbell River, B.C. a full service community.

The topography of the Zeballos Project is highly variable, from the flat Nomash River valley at 100 metre elevation to steep slopes of rugged mountains up to 1200 metres in elevation, incised by steep creeks, locally with steep cliffs and waterfalls. The project is covered by first or second growth forest of several ages of regeneration, and logging roads at different stages of degeneration. The area of the claims is dense west coast rainforest, with heavy rain and snow in the fall to spring period, and warm dry summers.

Project definition, owner, operator, geology and history

The project and claim owner and operator is Callache Stone Quarries Inc., a private BC corporation, who began acquiring cell mineral claims in BC in 2015, and in the Zeballos area in 2016. The FYEO cell mineral claim of the Zeballos Project was selected to cover an area of favourable geology for dimension stone marble and limestone. See Figure 1 for the mineral title map of project at 1:100,000 scale, and Figure 2 for the infrastructure map of the project at 1:25,000 scale, including locations of BC MINFILE occurrences and ARIS reports taken from BC MapPlace. The FYEO claim covers approximately 540 hectares, with details and status listed in Table 1:

Table 1 – Cell Mineral Claims and Status as of April 20, 2017:

Title Number	Claim Name	Owner	Title Type	Title Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
1043086	FYEO	282439 (100%)	Mineral	Claim	092L	2016/MAR/28	2018/NOV/23	GOOD	539.7035
Totals									539.7035

The Geology and Mineral Deposits of the Zeballos Mining Camp (BCDM Bulletin 27) and its accompanying Figure 2 (Zeballos Mining Camp Areal Geology at 1"=2,000' scale) completed by J.S. Stevensen, 1947 describes the detailed geological setting of the Zeballos area using descriptive rock types as observed and mapped in both surface and underground exposures at the time that most of the historic exploration work and mineral production took place. The regional surface geology was subsequently re-mapped and recompiled but in much less detail, but using modern lithological unit terminology and with better constraints on ages of the intrusive bodies.

To summarize, the FYEO Claim of the Zeballos Project is mainly underlain by limestone and marble of the Upper Triassic Quatsino Formation limestone, which is largely masked by overlying Quaternary sands and gravels along the Nomash River Valley. Along the northeast edge of the claim, the Quatsino limestones and marbles conformably overlie Karmutsen Formation basaltic volcanics of the Triassic Vancouver Group. Along the southwest edge of the claim, slate, siltstone and argillites of the Upper Triassic Parson Bay Formation conformably overlie the Quatsino Formation limestone and marble. Based on limited bedding measurements taken by the author, it appears that the Nomash River Valley may occupy a northwest-trending anticlinal axis. A small granodioritic intrusive stock of the Jurassic Island Plutonic Suite occurs immediately west of the claim, and the southwest edge of the claim is intruded by a large quartz diorite intrusive stock of the Eocene Mt. Washington Plutonic Suite. The emplacement of these two intrusive bodies may have sequentially compressed, folded and locally metamorphosed the older layered units.

See Figure 3 for the geological map of the Zeballos Project area at 1:25,000 scale, taken from the BCGS 2005 Geology layer in BC MapPlace, which differs considerably and is much more generalized than the mapping documented in BCDM Bulletin 27 (Stevenson, J.S., 1947). The following geology legend lists rocks in the area of the Zeballos Project, taken from the BCGS 2005 Geology layer in BC MapPlace, which applies to Figure 3:

EOCENE

Mt. Washington Plutonic Suite

Eqd quartz dioritic intrusive rocks

EARLY TO MIDDLE JURASSIC

Island Plutonic Suite

EMJlgb gabbroic intrusive rocks

MIDDLE TO UPPER TRIASSIC

Vancouver Group

Parson Bay Formation

uTrVP limestone, slate, siltstone, argillite

Quatsino Formation

uTrVQ limestone, marble, calcareous sedimentary rocks

Karmutsen Formation

uTrVK basaltic volcanic rocks

Figure 4 shows contoured first derivative aeromagnetic data for the Zeballos Project area at 1:25,000 scale, taken from BC MapPlace.

The Zeballos Project is located along the eastern edge of Zeballos Mining Camp which includes the Zeballos Gold District to the southwest and the Zeballos Iron District to the northwest. The Zeballos Gold District was Vancouver Island's most prolific primary gold producing district, and produced 9,154 kg. of gold plus byproduct silver, copper, lead and zinc from 0.627 million tonnes of ore mined from 17 past-producing mines between 1929 and 1975 (BC MINFILE), shown in Table 2. The Zeballos Iron District produced 1.28 billion kg. of iron as magnetite from 1962 to 1969 from the Ford Fe Skarn deposit,

shown in Table 3. Five other Fe Skarn developed prospects in the Zeballos Iron District contain historic mineral inventory estimates of iron mainly as magnetite, also listed in Table 3. However, none of these estimates are current to CIM and NI43-101 standards and guidelines, and therefore cannot be relied upon or used for economic analyses.

Table 2 – Historic Production from Zeballos Gold District (BC MINFILE):

Name	MINFILE #	From – To	Mined t	Gold g	Silver g	Cu kg	Pb kg	Zn kg
Beano	092E 002	1948 – 1949	21	3297	1400	33	0	0
Golden Gate	092L 005	1940 – 1940	22	373	156	44	39	0
Tagore	092L 006	1929 – 1939	16	2022	2616	23	20	0
Privateer	092L 008	1934 – 1975	282,328	5,301,289	2,160,196	4,063	10,093	0
Prident	092L 009	1939 – 1939	43	5,536	2,395	30	306	0
White Star	092L 010	1935 – 1957	1,293	220,987	92,531	1,563	17,144	30
Golden Peak	092L 011	1934 – 1934	3	93	746	0	0	0
Mt. Zeballos	092L 012	1939 – 1944	74,268	946,589	444,399	2,408	12,726	0
Lone Star	092L 015	1938 – 1941	5,645	143,074	44,322	470	2,982	0
Rimy 1-8	092L 016	1938 – 1938	17	1,369	1,586	0	0	0
North Star	092L 017	1942 – 1942	13,600	125,913	0	0	0	0
Golden Horn	092L 019	1941 – 1942	3,249	46,374	108,705	318	347	0
King Midas #1	092L 020	1940 – 1940	1	156	31	10	0	0
Cordova #1	092L 027	1939 – 1939	1	156	31	4	0	0
Van Isle	092L 038	1936 – 1940	2,814	36,702	16,858	0	0	0
Major	092L 149	1939 – 1939	1	93	0	2	0	0
Gold Field	092L 211	1936 – 1951	190,754	1,682,859	575,219	9,195	8,093	0
Cent. Zeballos	092L 212	1938 – 1947	52,596	636,773	432,238	7,370	71,140	0
Totals	17	1929 – 1975	626,672	9,153,655	3,883,429	25,533	122,890	30

Table 3 – Historic Production / Mineral Inventory - Zeballos Iron District (MINFILE):

Name	MINFILE #	From - To	Mined t	Fe kg	Inventory t	Fe %	Inventory kg
Ford	092L 028	1962-1969	1,681,283	1,282,233,396			
Churchill	092L 031	1966			726,000	38.0	275,880,000
Artlish 3-6	092L 068	1962			635,000	44.1	280,035,000
Hiller 4-5	092L 127	1966			3,357,000	35.9	1,205,163,000
Ridge (L.2011)	092L 128	1950			45,359	68.8	31,206,992
Hiller 8-12	092L 301	1967			180,000	30.0	54,000,000

The Zeballos Mining Camp shows geological, mineralization style, and formational age similarities to two other significant mineral districts on Vancouver Island: Mount Washington near Courtenay, and Catface near Tofino. All three districts host Eocene age intrusives and related polymetallic mineralization. The Zeballos district also hosts Jurassic age intrusives and related magnetite skarn mineralization.

The best descriptive documentation of the geology and mineral deposits of the Zeballos Mining Camp is in BCDM Bulletin 27 (Stevensen, J.S., 1950). The latest study of the gold mineralization and geology of the Zeballos area is in BC Geological Fieldwork 2004 Paper 2005-1 (Marshall, D., et.al, 2004). No known exploration or development work targeting dimension stone marble or limestone has been documented in the area of the Zeballos Project prior to the work documented in this report.

The FYEO claim of the Zeballos Project covers or is immediately adjacent 4 BC MINFILE occurrences as follow:

Table 4 – BC MINFILE Occurrence on or adjacent to the Zeballos Project:

Name	MINFILE #	Status	Deposit Type	Commodities	On Claims	Near Claims
Monitor	092L 083	Showing	Cu Skarn, Cu-Ag Qtz Vein	Au, Cu	1043086	1046932
King	092L 147	Showing	Cu Skarn	Cu, Ag, Au	1043086	open
Nootka	092L 148	Showing	Cu Skarn	Cu, Au, Ag	1041441	1043086
Major	092L 149	Showing	Cu Skarn	Cu, Au	1041448	1043086

Historic exploration work on or immediately around the area of the Zeballos Project dates from 1929, and includes 4 assessment reports documenting work between 1966 and 1995, listed in Table 4 and summarized below:

Table 5 – ARIS Reports for the area of the Zeballos Project as of April 20, 2017:

Report#	Year	Author	Owner/Operator	Work Program / MINFILE #
868	1966	Kalnins, T., Milburn, G.	Milburn, G., Malaspina Mining Co. Ltd. / Skerl, A.C.	Geological, Geochemical, Geophysical / 092L 147
12864	1983	McDougall, J.J., Presunka, S.	Taban Development Ltd. / Goldfever Resources Ltd.	Geological, Geochemical, Geophysical / none
18928	1989	Graham, J.C.	Golden Quadrant Resources Ltd.	Geophysical / none
24184	1995	Lutynski, P.	Orvana Minerals Corp.	Geological, Geochemical / 092L 147, -148, -149

The bibliographies for the 4 MINFILE occurrences listed in Table 4 contain references to several historic reports describing the early work in the area of the Zeballos Project.

In 1966, A.C. Skerl on behalf of Malaspina Mining Co. Ltd. completed coincident but limited ground magnetometer, soil geochemistry and geological surveys on the Rugged Group of claims, straddling the extreme northern portion of the present FYEO claim of the Zeballos Project (Kalnins, T., 1966, BC ARIS Report 868).

In 1983, Goldfever Resources Ltd. on behalf of Taban Development Ltd. completed ground geological, magnetometer and electromagnetic surveys, and also limited silt, soil and rock geochemistry and diamond drilling on the Nomash Gold Claim, located near the centre of the present FYEO claim of the Zeballos Project (McDougall, J.J., 1983, BC ARIS Report 12864).

In 1989, Golden Quadrant Resources Ltd. completed a ground magnetometer survey on the Nomash Silver Claim of the Gold Quad Group of claims, covering most of the present FYEO claim of the Zeballos Project (Graham, J.C., 1989, BC ARIS Report 18928).

In 1995, Orvana Minerals Corp. completed stream moss mat and rock geochemistry and geological surveys on their Nomash Property, straddling the northern half of the present

FYEO claim of the Zeballos Project. Stream moss mat samples taken from southwest flowing creeks along the northeast side of the Nomash River valley, where 9 of 12 samples yielded elevated values of gold and/or copper up to 3300 ppb gold and 610 ppm copper. Float and outcrop rock grab samples taken from the same area yielded elevated values in target and/or indicator elements in 19 of 20 samples up to 23.28 ppm gold, 87.8 g/t silver, >10% copper, 2025 ppm zinc, 65 ppm molybdenum, 1256 ppm nickel, 1955 ppm cobalt, 50% iron and 478 ppm chromium (Lutynski, P, 1995, BC ARIS Report 24184).

List of claims and work completed

On March 16, 2017 the author completed general research and prepared field maps for the prospecting and geochemistry field program on the Zeballos Project. On March 20 the author traveled from Nanaimo, BC to Gold River, BC and stayed overnight in Gold River to complete a site visit to another project in the area on behalf of Callache Stone Quarries Inc. on March 21, with assessment costs to be assigned to and details to be documented in a separate assessment report for that project.

On March 22, 2017 the author traveled from Gold River, BC to the Zeballos Project area, completed the prospecting and rock sampling program on the FYEO claim, and returned to Nanaimo, BC. Initially, the author prospected by driving along Nomash River Main which follows the NE bank of the Nomash River for the entire 4 km length of the FYEO claim, and then drove along all truck visible and accessible logging roads covering the FYEO claim along both sides of the Nomash River Valley, which has been extensively and recently logged. However, only unconsolidated sands and gravels were observed in road cuts, creek crossings and gravel pits, and no outcrops were observed. Rarely, small white marble float fragments were observed in creek beds and gravel pits along the NE side of the Nomash River Valley. By observing the new logging clear-cuts from the opposite sides of the valley, two areas of apparent outcrops were detected and targeted for prospecting beyond the accessible roads into the clear-cuts on foot: one along the SW side and another along the NE side of the valley.

Along the SW side of the Nomash River Valley, across a bridge from Nomash Main Road and along a decommissioned logging road beyond a washed out creek crossing, two bedrock exposures were located in a road cut and in a creek bed, both consisting of well foliated (bedded?) silicified tuffaceous volcanics with foliations oriented flat and 145/35 respectively. The latter outcrop contained cross-cutting (younger) granitic intrusive dike with variable orientations. Outcrop locations appear as GPS locations in Figure 5, and outcrop descriptions appear in Appendix 1 under GPS Locations.

Along the NE side of the Nomash River Valley along the southern edge of a new logging clear-cut, an area of approximately 150 m. by 50 m. contained many small outcrops and sub-crops of white, medium-grained marble with consistent foliations (bedding?) in outcrop with an average orientation of 300/60 from six measurements. The western end of the marble exposure appears to be terminated by a cross-cutting (younger) granitic intrusive body of unknown thickness with the contact oriented at 325/90. No other contacts surrounding the area of marble exposure were observed. Two random outcrop grab rock samples were taken by the author from within the area of the white marble using a rock hammer. Each rock sample was taken in triplicate and placed in a new plastic bag, and one each of a pre-numbered 3-part sample tag was inserted into each

bag, which was tied closed with plastic cable ties. At each sample site, site characteristics were recorded on a pre-printed, waterproof, loose-leaf sample record form in a field notebook, and the sample number was recorded in triplicate: on the form, on a metal tag tied near the sample site and marked with flagging tape, and as a waypoint number in a hand-held Garmin GPSMap 64ST. GPS and sample locations appear in Figures 5 and 6 (with waypoint and sample numbers respectively), and GPS locations, rock sample location details, rock sample descriptions, and rock sample geochemistry results with highlights appear in Appendix 1. AGAT Labs' chain of custody form and analytical certificate appear in Appendix 2.

To the NW of the area of marble exposure, a new logging road was observed heading north beyond the logging clear-cut through an un-logged area. The author drove along the new road observing that the road-cut along the up-hill side was blasted through white marble for a distance of approximately 300 m. north to a switchback in the road and again for approximately 100 m. southeast beyond the switchback east to the end of the blasted area. The marble in the road-cut was not sampled or mapped, but the end points of the rock cuts were located, and appear under GPS Locations in Appendix 1.

For each of the triplicate rock samples, the author retained 2 sets, one set which was given to the client, Mr. Philip Callant President of Callache Stone Quarries Inc., and the other which was retained by the author as a reference specimen. The author shipped the third set of rock samples from Nanaimo via Canada Post expedited parcel service to AGAT's full service minerals analytical laboratory in Mississauga, Ont. on March 24, 2017 and received whole rock and geochemistry results from AGAT on April 20, 2017 in Report 17T200682. GPS and sample locations, reference specimen descriptions, geochemistry results and highlights appear in Appendix 1.

The mineral title assessment Cost Statement (see Appendix 3), the Mineral Titles Online assessment Statement of Work (see Appendix 4), and ARIS title page (attached) were also completed by the author.

Technical Data, Interpretation and Conclusions

A very limited amount of prospecting, geological mapping and rock sampling targeting dimension stone marble was completed during the brief site visit in March 2017 in the area of the Zeballos Project. The excellent logging road access and recently logged areas in the Nomash River valley permitted rapid, road-based discovery by the author of two isolated areas of bedrock exposures on the FYEO claim, shown in Figures 2 to 6. One of the two areas discovered by the author consisted of a semi-continuous exposure of white marble in outcrop and subcrop with surface dimensions of 150 m. by 50 m. The marble outcrops displayed fairly consistent foliation (possibly bedding?) with measurement orientations averaging 300/60. Additional and consistent road-cut exposures of white marble immediately northwest of the outcropping area suggest a projected surface dimension for the white marble of 500 m. by 250 m. The limits of the projected area of white marble are not defined since no other rock types are exposed around it in any significant quantities. Therefore, it could be considerably larger in area.

However, the projected area of white marble may continue in up to three directions beyond the limits of the FYEO claim as follows:

- Along strike to the NW onto cell mineral claim 1041441
- Along strike to the SE onto cell mineral claim 1041448
- Down dip to the NE onto untitled ground (if NE dip is correct)

The most recently interpreted BCGS 2005 regional geological mapping shown in Figure 3 shows the conformable NW-striking contact between the older Karmutsen volcanics and the younger Quatsino limestone located approximately 250 m. NE of the projected area of white marble, which is contained within the area interpreted as Quatsino. If the NE-dipping foliation measurements taken in the white marble outcrops is bedding, it can be inferred that the Karmutsen-Quatsino contact may be overturned. However, limited geological mapping completed by previous workers in the area and documented in BC ARIS reports 868 (Kalnins, T, 1966) and 24184 (Lutynski, P, 1995) show variable but generally SW-dipping foliation (bedding?) measurements in the area.

The first vertical derivative aeromagnetic colour contour map shown in Figure 4 shows an intense elongate magnetic high response underlain by Quatsino limestone following the NW-striking Karmutsen-Quatsino contact along the entire length of the FYEO claim, with the projected area of white marble located along its central axis. Since limestone and marble have a low magnetic response, it can be interpreted that a large body of very high magnetic response probably containing magnetite and/or pyrrhotite lies within the limestone beneath the area of white marble,. The presence of three BC MINFILE showings 092L 047, -048 and -049 of the Cu Skarn and/or Cu-Ag Quartz Vein types along strike in this area is also suggestive of more continuous underlying replacement style mineralization containing magnetite and/or pyrrhotite. The white marble may represent an alteration halo related to the replacement style mineralization.

The rock sample geochemistry results shown in Appendix 1 confirm the visual purity of the white marble samples. The two rock samples average 52.95% CaO, 2.83% MgO and 43.65% LOI for a combined average of 99.43%. Common deleterious oxides and trace elements are all very low in both samples.

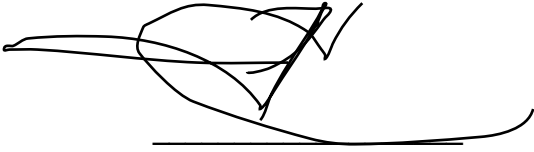
It is recommended that area of cell mineral claims for the Zeballos Project be expanded to the northeast by approximately 1 cell unit, which may require acquisition of cell mineral claims 1041441 and 1041448, or possibly waiting for those claims to forfeit and acquiring those areas after forfeiture. It is also recommended that systematic and detailed geological mapping and rock sampling be conducted over and immediately surrounding the projected area of white marble.

Table 6 – Proposed Acquisition and Work Program for the Zeballos Property:

Item	Units	Unit Cost	Program Cost
Acquire cell claims	5 cell mineral claim units	estimate	\$ 1,000
Geological Mapping	5 days - 1 geologist, 1 asst.	\$2,000 per day	\$ 10,000
Geochemistry, Testing	50 rock samples	\$100 per sample	\$ 5,000
Cut & Polish Specimens	5 rock samples	\$1,000 per sample	\$ 5,000
Technical Reports	5 days - 1 geologist	\$800 per day	\$ 4,000
Totals			\$ 25,000

Additional work programs may be recommended conditional upon results.

Respectfully submitted by:



Jacques Houle, P.Eng.

April 20, 2017



Author's Qualifications

I, Jacques Houle, P.Eng. Do hereby certify that:

I am currently self-employed as a consulting geologist by:
Jacques Houle, P.Eng. Mineral Exploration Consulting
6552 Peregrine Road, Nanaimo, British Columbia, Canada V9V 1P8

I graduated with a Bachelor's of Applied Science degree in Geological Engineering with specialization in Mineral Exploration from the University of Toronto in 1978.

I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, the Society of Economic Geologists, the Association of Applied Geochemists, the Association for Mineral Exploration British Columbia, and the Vancouver Island Exploration Group; I am also a member of the Technical Advisory Committee for Geoscience B.C., and of the advisory committee for the Earth Science Department of Vancouver Island University.

I have worked as a geologist for 39 years since graduating from university, including 5 years as a mine geologist in underground gold and silver mines, 15 years as an exploration manager, 3 years as a government geologist and 14 years as a mineral exploration consultant.

I am independent of Callache Stone Quarries Inc., and hold no interest in the subject property of this report.

References

B. C. Ministry of Energy, Mines and Petroleum Resources websites:

Assessment Reports

<http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx>

MapPlace

<http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/Pages/default.aspx>

Mineral Deposit Profiles

<http://www.empr.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles/Pages/default.aspx>

MINFILE

<http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/>

Ministry Publications

<http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/Pages/default.aspx>

Mineral Titles Online

<https://www.mtonline.gov.bc.ca/mtov/home.do>

Legend

- National Parks - Outlined
- National Parks - Colour Fille
- Ecological Reserves - Tanta
- Protected Areas - Tantalis -
- Recreation Areas - Tantalis
- Conservancy Areas - Tantal
- Mapsheet Grid (1:20,000)
- Mapsheet Grid (1:250,000)
- Land Act Primary Parcels - 1 Filled

Contours - (1:20,000)
FCODE

- Contour - Index
- Contour - Index Indefinite
- Contour - Index Depression
- Contour - Index Depression Indr
- Contour - Intermediate
- Contour - Intermediate Indefinite
- Contour - Intermediate Depressi
- Contour - Intermediate Depressi

- Federal Transfer Lands - OL
 - Federal Transfer Lands - Cc
 - Mineral Titles Grid (Operator Mineral Reserves (Operator
- MTA_SITE_ORDER_RESTR_C
- No Registration
 - Conditional

0 1.02 2.0 km



1: 50,000.00

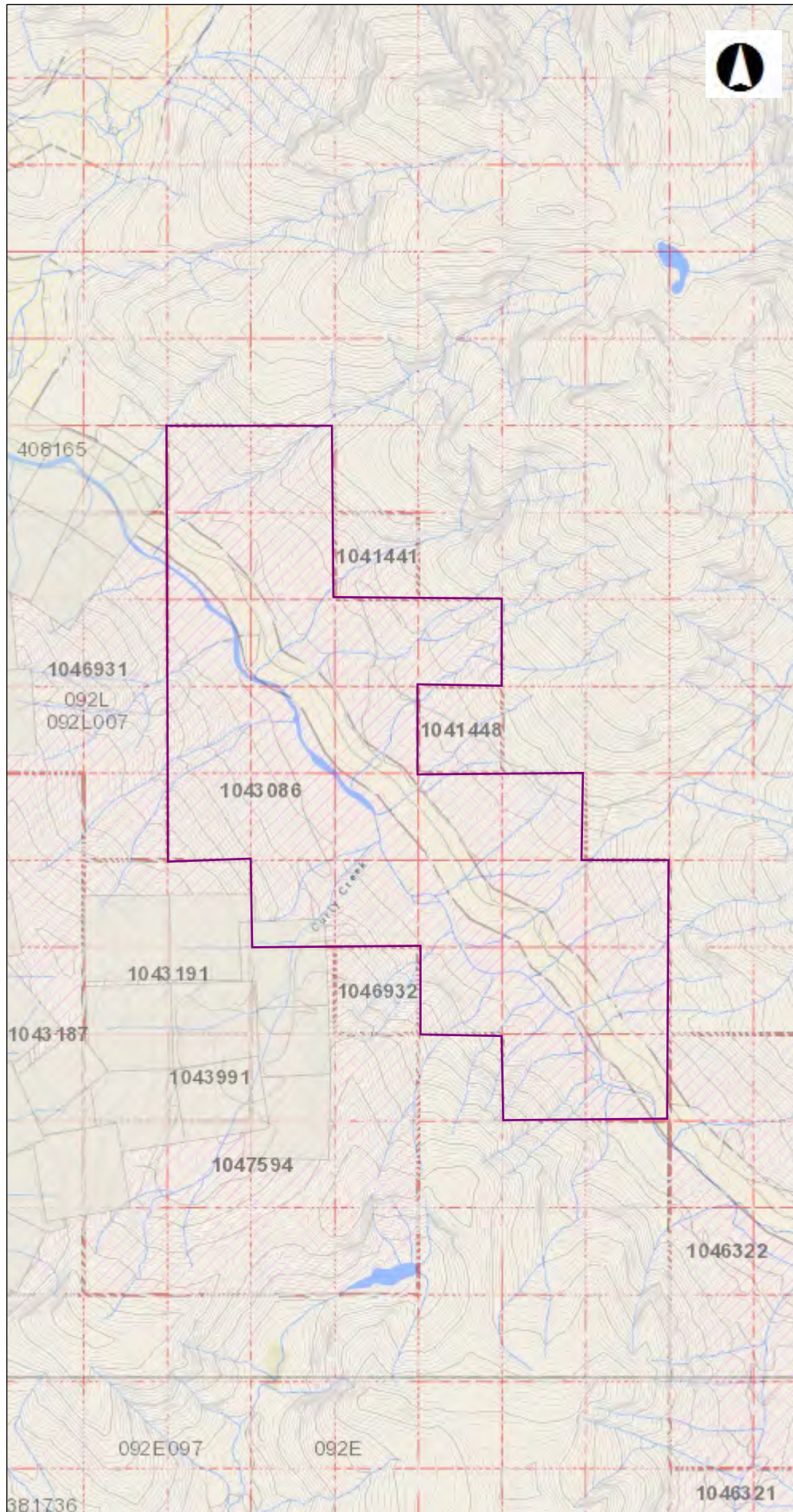
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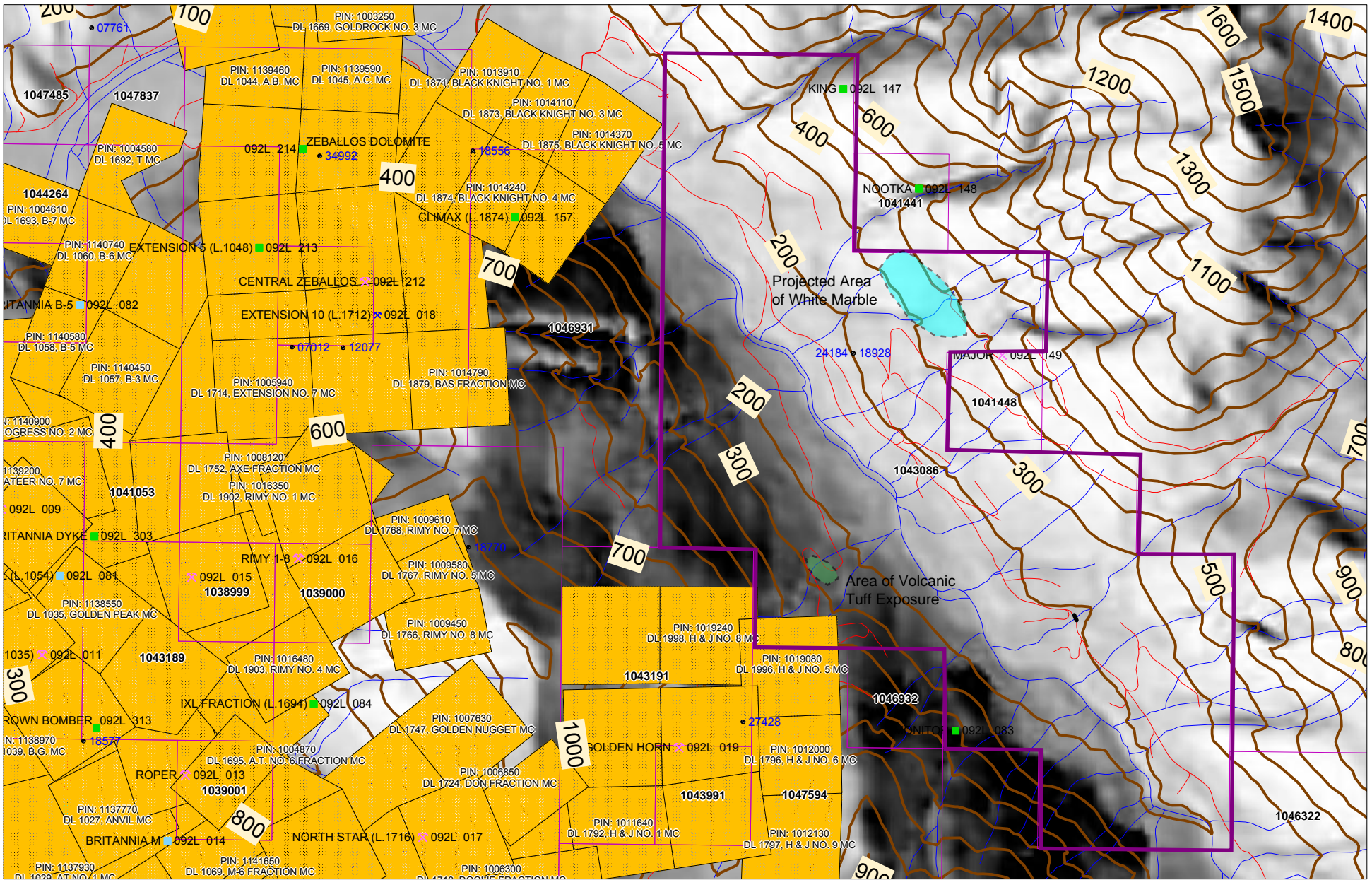
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CAUTION: Maps obtained using this site are not designed to assist in navigation. These maps may be generalized and may not reflect current conditions. Uncharted hazards may exist. **DO NOT USE THESE MAPS FOR NAVIGATIONAL PURPOSES.**

Datum: NAD83

Projection: Web Mercator

Figure 1
Key Map of British Columbia




SCALE 1 : 25,000

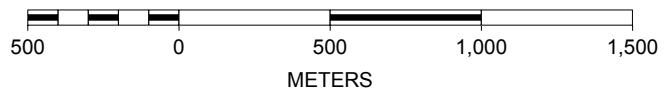
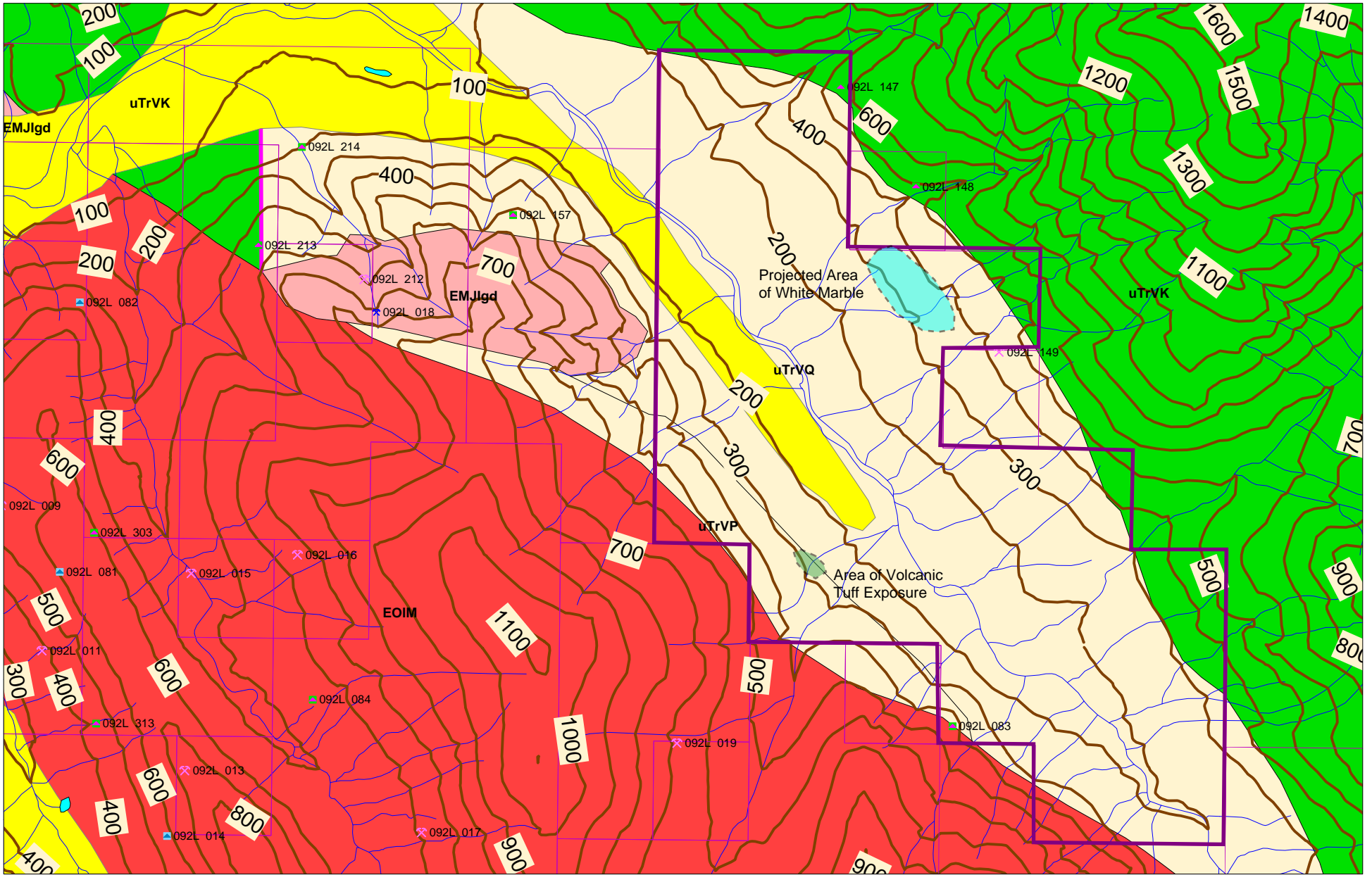


Figure 2





SCALE 1 : 25,000

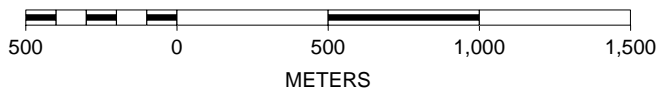
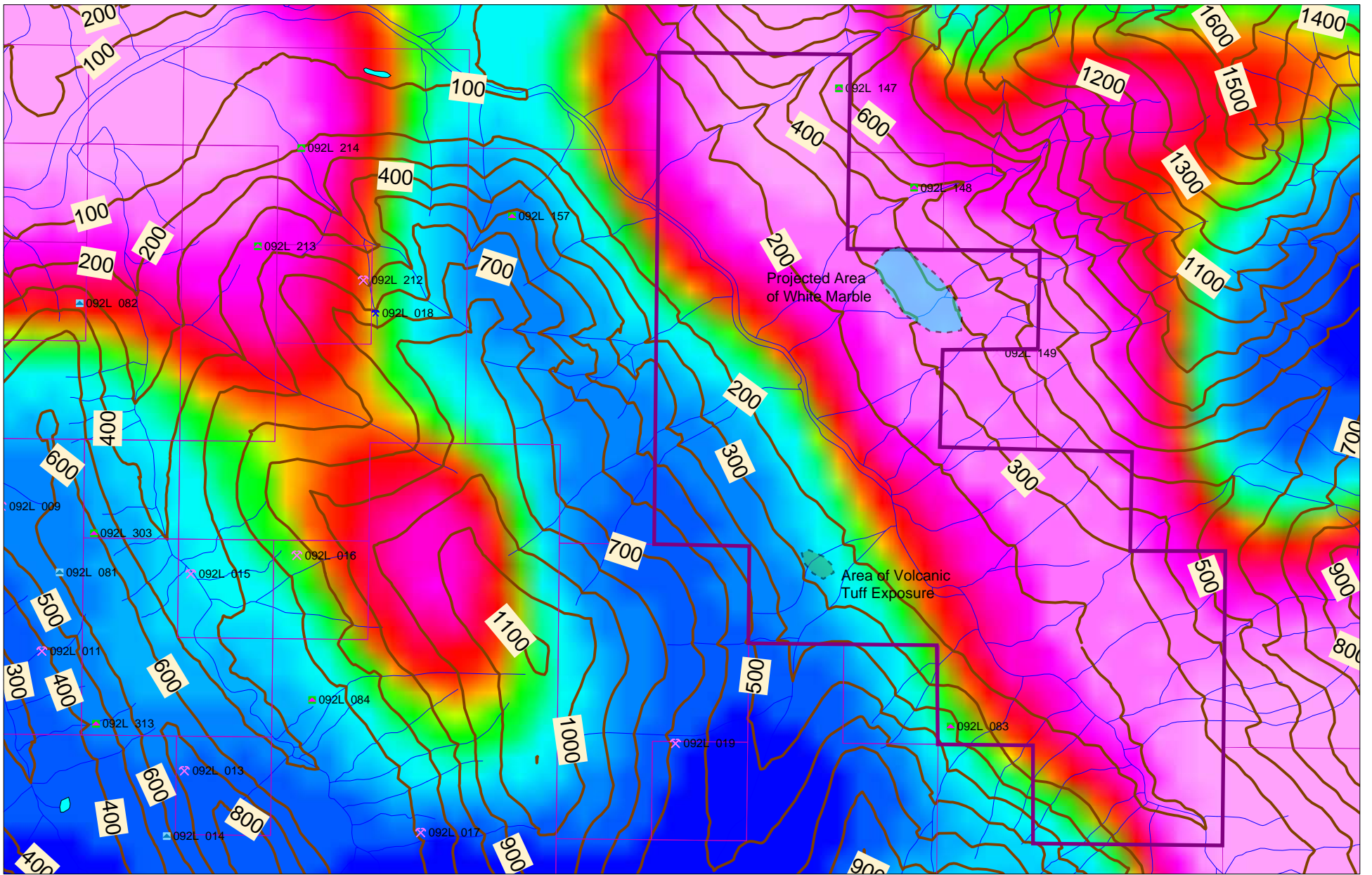


Figure 3





SCALE 1 : 25,000

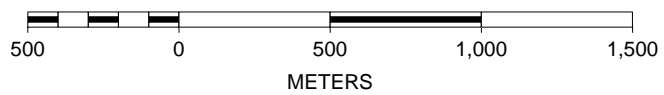
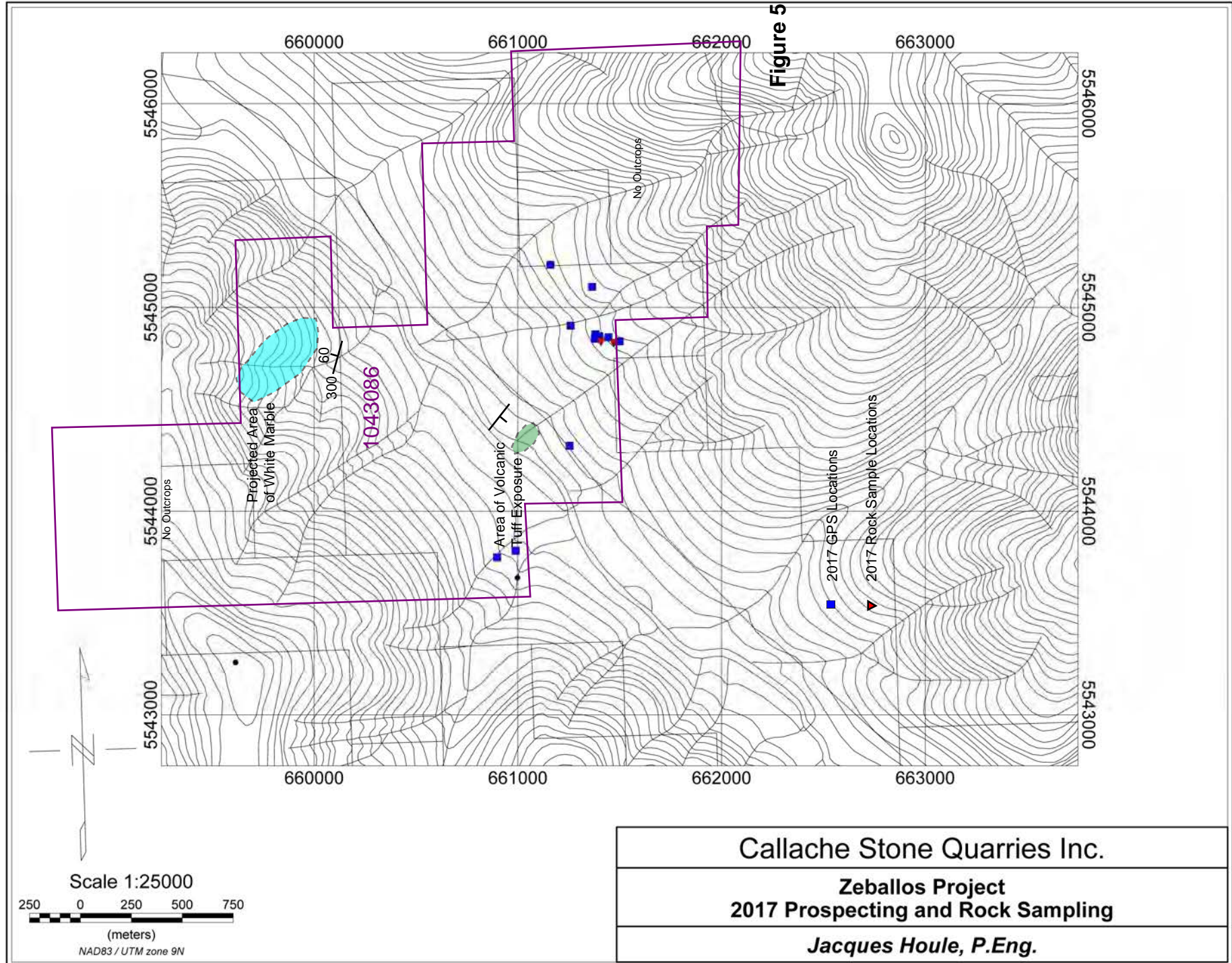


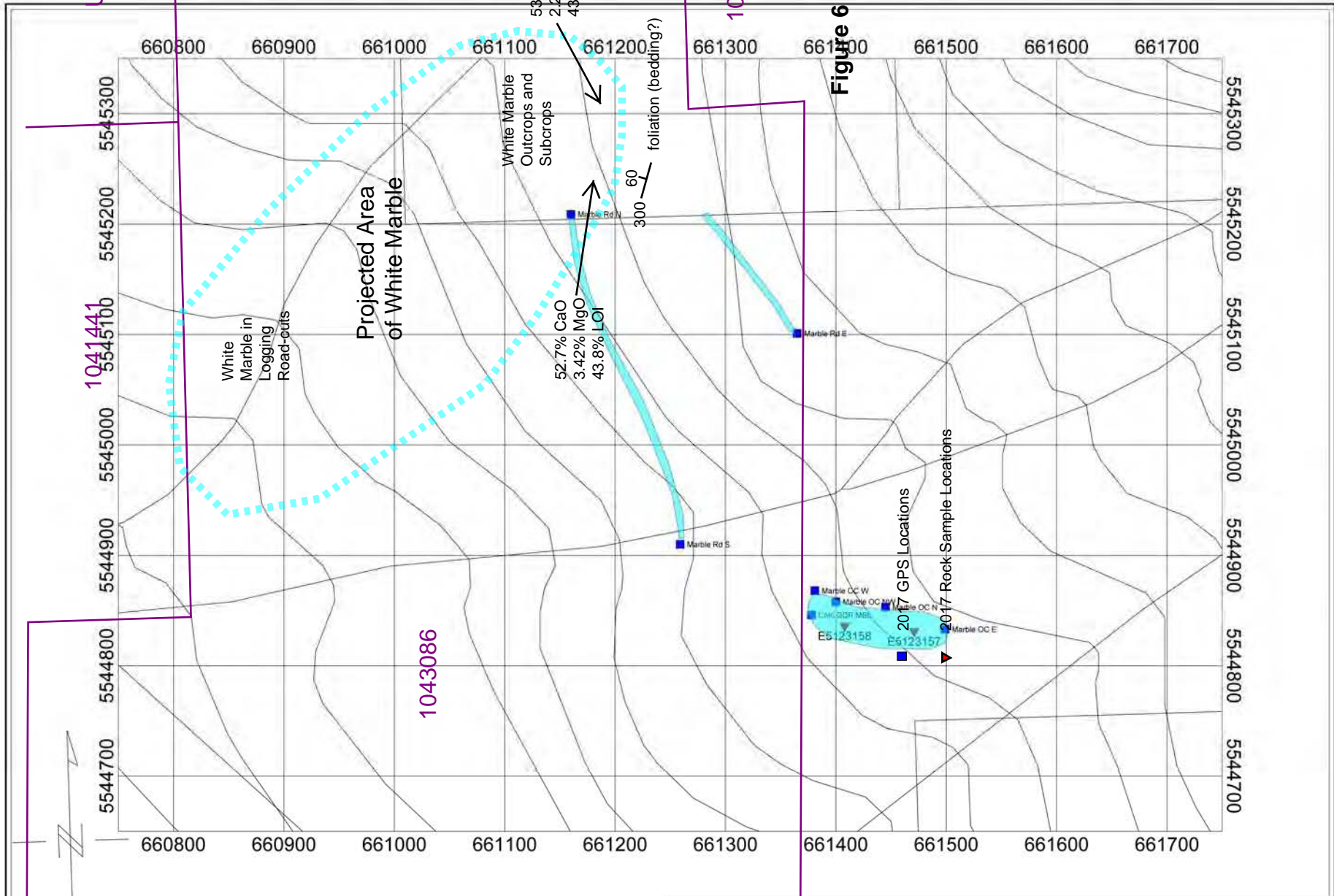
Figure 4



Figure 5



Callache Stone Quarries Inc.
Zeballos Project
2017 Prospecting and Rock Sampling
Jacques Houle, P.Eng.



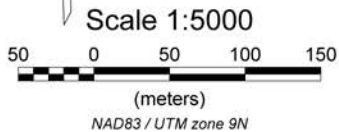
Untitled

1041448

1041441

1043086

Figure 6



Callache Stone Quarries Inc.

Zeballos Project
 2017 Mapping and Rock Sampling

Jacques Houle, P.Eng.

Appendix 1

2017 GPS & Rock Sample Locations, Descriptions & Geochemistry

2017 Sample Geochemistry for Zeballos Project

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

		Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	In	K
		Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
Sample Id	Sample Description	RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	1	0.01
8284758	E5123157		<0.5	0.05	2.00	1.00	<0.5	<1	36.60	<0.5	<1	0.80	1.90	<0.5	0.04	<5	<1	0.01
8284759	E5123158		<0.5	0.02	<1	<1	<0.5	<1	36.00	<0.5	<1	0.80	2.10	<0.5	0.04	<5	<1	<0.01

		Analyte:	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	Sc	Se	Sn	Sr
		Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Id	Sample Description	RDL:	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	1	10	5	1
8284758	E5123157		<2	<1	1.29	26.00	<0.5	<0.01	0.90	19.00	<1	<10	0.34	<1	<1	<10	<5	537.00
8284759	E5123158		<2	<1	1.96	40.00	<0.5	<0.01	0.70	22.00	<1	<10	0.34	<1	<1	<10	<5	422.00

		Analyte:	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
		Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Id	Sample Description	RDL:	10	10	5	0.01	5	5	0.5	1	1	0.5	5
8284758	E5123157		<10	<10	<5	<0.01	<5	<5	<0.5	<1	<1	<0.5	<5
8284759	E5123158		<10	<10	<5	<0.01	<5	<5	<0.5	<1	<1	1.00	<5

Comments: RDL - Reported Detection Limit
8284758-8284759 As, Sb values may be low due to digestion losses.

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

		Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	LOI	Total
		Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Sample Id	Sample Description	RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
8284758	E5123157		0.07	<0.01	53.20	<0.01	0.05	<0.01	2.24	<0.01	<0.01	<0.01	0.24	<0.01	0.06	<0.01	43.50	99.40
8284759	E5123158		<0.01	<0.01	52.70	<0.01	0.06	<0.01	3.42	<0.01	<0.01	<0.01	0.22	<0.01	0.05	<0.01	43.80	100.00

Comments: RDL - Reported Detection Limit

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

		Analyte:	Au
		Unit:	ppm
Sample Id	Sample Description	RDL:	0.001
8284758	E5123157		<0.001
8284759	E5123158		<0.001

Comments: RDL - Reported Detection Limit

Appendix 2

2017 Rock Sample Custody Form & Analytical Report



Chain of Custody - Mining

webmining.agatlabs.com • www.agatlabs.com

LABORATORY USE ONLY

Arrival Condition: Good Poor (complete notes) AGAT WO#: 17T200682

Notes:

Client Information

Company: Jacques Houle P.Eng. Mineral Exploration Consulting
 Name: Jacques Houle
 Address: 6552 Peregrine Road, Nanaimo, BC V9V 1P8
 Phone: 250-390-3930 AGAT Quotation #: 69061nm
 Fax: _____ Client Project #: _____

Invoice To Same: Yes No

Company: _____
 Name: _____
 Address: _____
 Phone: _____ Fax: _____
 PO#: _____

Report To

Name: Jacques Houle
 Email: jhoule06@shaw.ca

Name: _____
 Email: _____

Turnaround Time Required (TAT)

Regular TAT
 Rush TAT
(Specify Below)

Rush surcharges may apply

Material Matter **Sample Preparation**

Drill Core Pulp No Prep Required - Run as Received
 Rock Water AGAT Sample Prep Code 211-001
 Till/Soil/Silt Other Other _____
(Specify Below)
 Concentrate _____

Analysis

SAMPLE SEQUENCE NUMBER		QUANTITY	AGAT MINING ANALYSIS METHOD
FROM	TO		
E5123157	E5123158	2	log-in sample weights, 201-676, 201-052, 201-070

Special Instructions:

Samples Relinquished by (print name and sign): <u>Jacques Houle</u>	Date/Time: <u>March 24, 2017</u>
	Samples Received by (print name and sign): _____
Date/Time: _____	

Sample Storage: (Pulp and Reject Material Handling Upon Analysis Completion)

Return to Client Store Reject for 90 days (and return to client) Store beyond 90 days
(Storage fees apply)

Discard Material Store Pulp for 90 days (and return to client)

Courier

Print Name: _____
 Date: _____

Page of

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
6552 PEREGRINE ROAD
NANAIMO, BC V9V1P8
(250) 390-3930

ATTENTION TO: JACQUES HOULE

PROJECT:

AGAT WORK ORDER: 17T200682

SOLID ANALYSIS REVIEWED BY: Brandon Wang, Spectroscopy Supervisor

DATE REPORTED: Apr 20, 2017

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 17T200682

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Mar 29, 2017	DATE RECEIVED: Mar 30, 2017					DATE REPORTED: Apr 20, 2017					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	
RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	5	
Sample ID (AGAT ID)															
E5123157 (8284758)	<0.5	0.05	2	1	<0.5	<1	36.6	<0.5	<1	0.8	1.9	<0.5	0.04	<5	
E5123158 (8284759)	<0.5	0.02	<1	<1	<0.5	<1	36.0	<0.5	<1	0.8	2.1	<0.5	0.04	<5	
Analyte:	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S	Sb	
Unit:	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
RDL:	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.01	1	
Sample ID (AGAT ID)															
E5123157 (8284758)	<1	0.01	<2	<1	1.29	26	<0.5	<0.01	0.9	19	<1	<10	0.34	<1	
E5123158 (8284759)	<1	<0.01	<2	<1	1.96	40	<0.5	<0.01	0.7	22	<1	<10	0.34	<1	
Analyte:	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1	0.5	
Sample ID (AGAT ID)															
E5123157 (8284758)	<1	<10	<5	537	<10	<10	<5	<0.01	<5	<5	<0.5	<1	<1	<0.5	
E5123158 (8284759)	<1	<10	<5	422	<10	<10	<5	<0.01	<5	<5	<0.5	<1	<1	1.0	
Analyte:	Zr														
Unit:	ppm														
RDL:	5														
Sample ID (AGAT ID)															
E5123157 (8284758)	<5														
E5123158 (8284759)	<5														

Comments: RDL - Reported Detection Limit
8284758-8284759 As, Sb values may be low due to digestion losses.

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T200682

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Mar 29, 2017		DATE RECEIVED: Mar 30, 2017					DATE REPORTED: Apr 20, 2017					SAMPLE TYPE: Rock			
Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5	
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
E5123157 (8284758)		0.07	<0.01	53.2	<0.01	0.05	<0.01	2.24	<0.01	<0.01	<0.01	0.24	<0.01	0.06	<0.01
E5123158 (8284759)		<0.01	<0.01	52.7	<0.01	0.06	<0.01	3.42	<0.01	<0.01	<0.01	0.22	<0.01	0.05	<0.01
Analyte:	LOI	Total													
Unit:	%	%													
Sample ID (AGAT ID)	RDL:	0.01	0.01												
E5123157 (8284758)		43.5	99.4												
E5123158 (8284759)		43.8	100												

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 17T200682

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Mar 29, 2017

DATE RECEIVED: Mar 30, 2017

DATE REPORTED: Apr 20, 2017

SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID)	RDL: 0.001
E5123157 (8284758)	<0.001
E5123158 (8284759)	<0.001

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	REPLICATE #1				REPLICATE #2							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	8284758	< 0.5	< 0.5	0.0%	8284759	< 0.5	< 0.5	0.0%				
Al	8284758	0.05	0.05	0.0%	8284759	0.02	0.02	0.0%				
As	8284758	2	1		8284759	< 1	< 1	0.0%				
Ba	8284758	1	1	0.0%	8284759	< 1	< 1	0.0%				
Be	8284758	< 0.5	< 0.5	0.0%	8284759	< 0.5	< 0.5	0.0%				
Bi	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Ca	8284758	36.6	37.1	1.4%	8284759	36.0	35.1	2.5%				
Cd	8284758	< 0.5	< 0.5	0.0%	8284759	< 0.5	< 0.5	0.0%				
Ce	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Co	8284758	0.78	0.85	8.6%	8284759	0.8	0.8	0.0%				
Cr	8284758	1.9	2.3	19.0%	8284759	2.14	2.39	11.0%				
Cu	8284758	< 0.5	< 0.5	0.0%	8284759	< 0.5	< 0.5	0.0%				
Fe	8284758	0.04	0.04	0.0%	8284759	0.04	0.04	0.0%				
Ga	8284758	< 5	< 5	0.0%	8284759	< 5	< 5	0.0%				
In	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
K	8284758	0.01	< 0.01		8284759	< 0.01	< 0.01	0.0%				
La	8284758	< 2	< 2	0.0%	8284759	< 2	< 2	0.0%				
Li	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Mg	8284758	1.29	1.33	3.1%	8284759	1.96	1.98	1.0%				
Mn	8284758	26	25	3.9%	8284759	40	39	2.5%				
Mo	8284758	< 0.5	< 0.5	0.0%	8284759	< 0.5	< 0.5	0.0%				
Na	8284758	< 0.01	< 0.01	0.0%	8284759	< 0.01	< 0.01	0.0%				
Ni	8284758	16.2	16.9	4.2%	8284759	0.66	0.53	21.8%				
P	8284758	19	< 10		8284759	22	10					
Pb	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Rb	8284758	< 10	< 10	0.0%	8284759	< 10	< 10	0.0%				
S	8284758	0.34	0.34	0.0%	8284759	0.337	0.329	2.4%				
Sb	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Sc	8284758	< 1	< 1	0.0%	8284759	< 1	< 1	0.0%				
Se	8284758	< 10	< 10	0.0%	8284759	< 10	< 10	0.0%				
Sn	8284758	< 5	< 5	0.0%	8284759	< 5	< 5	0.0%				



CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

Parameter	CRM #1 (ref.GSP7K)				CRM #2 (ref.SY-4)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al					10.95	10.62	97%	90% - 110%								
As	124	133	107%	90% - 110%												
Ba					340	327	96%	90% - 110%								
Ca					5.72	5.6	98%	90% - 110%								
Co	22.1	22.1	100%	90% - 110%												
Cu					7	6	90%	90% - 110%								
Fe					4.34	4.15	96%	90% - 110%								
K					1.37	1.3	95%	90% - 110%								
Li					37	36	98%	90% - 110%								
Mg					0.325	0.306	94%	90% - 110%								
Na					5.267	5.065	96%	90% - 110%								
Ni					9	8	88%	90% - 110%								
Pb	17.9	17.9	100%	90% - 110%												
Sc					1.1	1	89%	90% - 110%								
Sr					1191	1113	93%	90% - 110%								
Th	1.24	1.08	87%	90% - 110%												
Ti					0.172	0.162	94%	90% - 110%								
V					8	9	111%	90% - 110%								
Zn					93	93	100%	90% - 110%								

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

Parameter	CRM #1 (sy-4)				CRM #2											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al2O3	20.69	20.5	99%	90% - 110%												
BaO	0.04	0.036	90%	90% - 110%												
CaO	8.05	7.94	99%	90% - 110%												
Fe2O3	6.21	6.20	100%	90% - 110%												
K2O	1.66	1.62	98%	90% - 110%												
MgO	0.54	0.511	95%	90% - 110%												
MnO	0.108	0.108	100%	90% - 110%												
Na2O	7.1	7.09	100%	90% - 110%												
P2O5	0.131	0.121	92%	90% - 110%												



CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

SiO ₂	49.9	49.4	99%	90% - 110%												
TiO ₂	0.287	0.286	100%	90% - 110%												
SrO	0.1408	0.145	103%	90% - 110%												
LOI					4.56	4.39	96%	90% - 110%								
(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	CRM #1 (ref.GSP7K)				CRM #2											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.694	0.748	108%	90% - 110%												

Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 17T200682

PROJECT:

ATTENTION TO: JACQUES HOULE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Al2O3	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr2O3	MIN-200-12027		XRF
Fe2O3	MIN-200-12027		XRF
K2O	MIN-200-12027		XRF

Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 17T200682

PROJECT:

ATTENTION TO: JACQUES HOULE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na ₂ O	MIN-200-12027		XRF
P ₂ O ₅	MIN-200-12027		XRF
SiO ₂	MIN-200-12027		XRF
TiO ₂	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V ₂ O ₅	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC
Total	MIN-200-12027		CALCULATION
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Appendix 3

2017 Cost Statement for Assessment Work Program

2017 Zeballos Project Cost Statement					
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Jacques Houle / Geologist	Travel Nanaimo-Gold River 20-Mar-17	0.25	\$756.00	\$189.00	
Jacques Houle / Geologist	Gold River-Zeballos-Nanaimo 22-Mar-17	1	\$756.00	\$756.00	
				\$945.00	\$945.00
Office Studies	List Personnel (note - Office only, do not include field days)				
General research	Jacques Houle - 16-Mar-17	0.1	\$831.60	\$83.16	
Report preparation	Jacques Houle - March-April-17	3.0	\$831.60	\$2,494.80	
				\$2,577.96	\$2,577.96
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospecting & Geological mapping	500 ha / 0.75 ha / Jacques Houle				
				\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Rock	2 rocks Au + Multi-element Geochem.	2.0	\$35.00	\$70.00	
Whole rock	2 rocks Whole Rock Geochem.	2.0	\$30.00	\$60.00	
				\$130.00	\$130.00
Transportation		No.	Rate	Subtotal	
truck rental	Houle 2006 Chevrolet 4x4 Pickup	1.20	\$396.00	\$475.20	
				\$475.20	\$475.20
Accommodation & Food	Rates per day				
Hotel + Meals	per diem rate March 20-22 Gold River	2.00	\$158.40	\$316.80	
				\$316.80	\$316.80
Equipment Rentals					
Field Gear (Specify)	Houle Field Equip. & Supplies per diem	0.15	\$79.20	\$11.88	
				\$11.88	\$11.88
Freight, rock samples					
Canada Post	2 rocks Nanaimo to Mississauga	2.0	\$8.88	\$17.75	
				\$17.75	\$17.75
TOTAL Expenditures					\$4,474.59